

Casting instructions

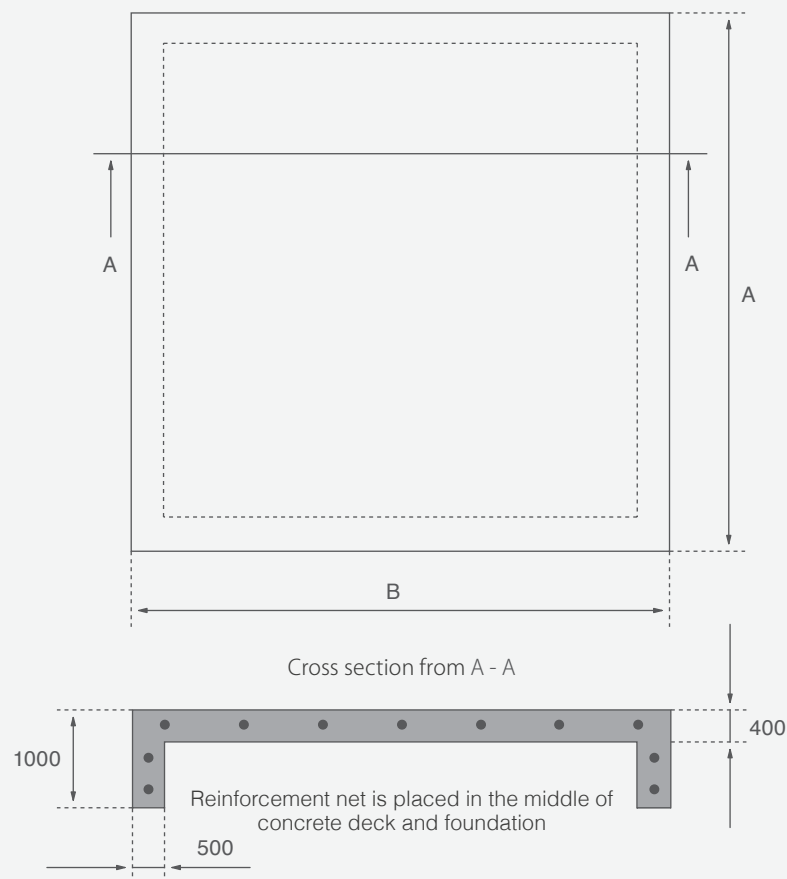
Concrete foundation for an airtight silo

The foundation must be cast on a firm base at a frost-free depth, at least 1,000 mm deep. The airtight silo is secured to the concrete foundation with expansion bolts or adhesive anchors.

Execution and control in accordance with DS-EN 1992 and "Basis betonbeskrivelsen for bygningskonstruktioner" (B.B.B) in Danish. Concrete quality in accordance with DS-EN 206. Evaluated according to Danish standards: **Environmental Category:** Moderate / **Safety Category:** Normal / **Control Category:** Normal.

The following numbers are calculated based on a density of 650 kg/m³.

Silo type	Volume m ³	Diameter mm	Amount of legs	Weight/Silo kg	Measurements, A x B mm	Concrete quality Mixture/MPa	Reinforcement mm
KG100 1/80	100	3,350	6	2,800	3,700 x 3,700	1:2:3 30	T 12 per 150
KG100 2/80	100	3,350	6	2,800	3,700 x 3,700	1:2:3 30	T 12 per 150
KG100 1/78	100	3,350	6	2,800	3,700 x 3,700	1:2:3 30	T 12 per 150
KG100 2/78	100	3,350	6	2,800	3,700 x 3,700	1:2:3 30	T 12 per 150
KG143 1/94	143	4,000	8	3,300	4,300 x 4,300	1:2:3 30	T 12 per 150
KG143 2/94	143	4,000	8	3,300	4,300 x 4,300	1:2:3 30	T 12 per 150
KG143 1/78	143	4,000	8	3,300	4,300 x 4,300	1:2:3 30	T 12 per 150
KG143 2/78	143	4,000	8	3,300	4,300 x 4,300	1:2:3 30	T 12 per 150
KG169 1/94	169	4,000	8	4,100	4,300 x 4,300	1:2:3 30	T 12 per 150
KG169 2/94	169	4,000	8	4,100	4,300 x 4,300	1:2:3 30	T 12 per 150
KG169 1/02	169	4,000	8	4,100	4,300 x 4,300	1:2:3 30	T 12 per 150
KG169 2/02	169	4,000	8	4,100	4,300 x 4,400	1:2:3 30	T 12 per 150
KG210 1/96	210	4,500	8	5,600	4,800 x 4,800	1:2:3 30	T 12 per 150
KG210 2/96	210	4,500	8	5,600	4,800 x 4,800	1:2:3 30	T 12 per 150
KG210 1/06	210	4,500	8	5,600	4,800 x 4,800	1:2:3 30	T 12 per 150
KG210 2/06	210	4,500	8	5,600	4,800 x 4,800	1:2:3 30	T 12 per 150



*All undefined measurements are in mm.